Number	USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT; US
3	USPAT 2004/03/16 14:1 S. and USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT; USPAT; USPAT; USPAT; USPAPPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/11 15:5
3	USPAT 2004/03/16 14:1 S. and USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT 2004/03/16 14:1 USPAT; USPAT; USPAT; USPAT; USPAPPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/11 15:5
4 66 379/388.03,388.06,390.01,394.ccls. (off with (amplifie\$4 gain)) 375/222,224.ccls. 4928 (\$1dsl "digital subscriber").ab. 118 ((\$1dsl "digital subscriber").ab.) attenuat\$4.ab. 0 (((\$1dsl "digital subscriber").ab. attenuat\$4.ab.) and h\$pad - 393 h\$pad - 55 h\$pad.ab.	USPAT USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/16 14:1 2004/03/11 16:0 2004/03/11 15:5
5	USPAT; 2004/03/11 16:0 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/11 15:5
- 4928 (\$1dsl "digital subscriber").ab. - 118 ((\$1dsl "digital subscriber").ab.) attenuat\$4.ab. - 0 (((\$1dsl "digital subscriber").ab. attenuat\$4.ab.) and h\$pad - 393 h\$pad - 55 h\$pad.ab.	USPAT; 2004/03/11 16:0 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/11 15:5
- 118 ((\$1dsl "digital subscriber").ab.) attenuat\$4.ab. (((\$1dsl "digital subscriber").ab. attenuat\$4.ab.) and h\$pad - 393 h\$pad - 55 h\$pad.ab.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/03/11 15:5
attenuat\$4.ab. - (((\$1dsl "digital subscriber").ab. attenuat\$4.ab.) and h\$pad - 393 h\$pad - 55 h\$pad.ab.	.) and USP \overline{A} T; 2004/03/11 15:5
attenuat\$4.ab.) and h\$pad - 393 h\$pad - 55 h\$pad.ab.	EPO; JPO; DERWENT;
- 55 h\$pad.ab.	US-PGPUB;
	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; 2004/03/11 15:5
- 1 h\$pad.ab. and (resist\$5 and capaci	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;
	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;
- 4 h\$pad near2 attenuat\$5	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;
- 2 h\$pad near4 resist\$5	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; 2004/03/11 16:0
- 65 ((\$1dsl "digital subscriber").ab.) (match with impedance)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;
- 26 (((\$1dsl "digital subscriber").ab. (match with impedance)) and attenu	
- 74 ("h" and pad and circuit and resis	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;
- 0 (("h" adj pad) and circuit and resist\$4).ab.	DERWENT; IBM TDB

-	5	(("h" near2 pad) and circuit and	USPAT;	2004/03/11 16:35
		resist\$4).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	((h\$pad) and circuit and resist\$4).ab.	USPAT;	2004/03/11 16:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		(// ^ 1)	IBM_TDB	2004/02/11 16 26
-	1	((h\$pad) same circuit same resist\$4)	USPAT;	2004/03/11 16:36
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	13	((h\$pad) same resist\$4)	USPAT;	2004/03/11 16:38
		((117 pad) 501110 155 155 17	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
] -	30255	resist\$4 with pad	USPAT;	2004/03/11 17:01
			US-PGPUB;	
			EPO; JPO;	
]		DERWENT;	
			IBM_TDB	
-	2	(resist\$4 with pad) and \$1dsl.ab.	USPAT;	2004/03/11 16:43
	}		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
	4	(\$1dsl and attenuat\$5).ti.	IBM_TDB USPAT;	2004/03/11 16:43
l i	1	(Viusi and accendacys).ci.	US-PGPUB;	2004/03/11 10:43
			EPO; JPO;	
			DERWENT;	İ
			IBM TDB	
-	16280	(resist\$4 with pad) and circuit	USPĀT;	2004/03/11 17:01
		_	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	2200		IBM_TDB	
-	7789	(resist\$4 with pad) and circuit.ab.	USPAT;	2004/03/11 17:01
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	2654	(resist\$4 with pad).ab. and circuit.ab.	USPAT;	2004/03/11 17:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	82		USPĀT;	2004/03/11 17:05
		(agc "automatic gain control")	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		///614-1 #44-44-1	IBM_TDB	0004/00/11 17 0:
-	41	(((\$1dsl "digital subscriber").ab.) and (agc "automatic gain control")) and	USPAT;	2004/03/11 17:04
		(agc "automatic gain control")) and	US-PGPUB; EPO; JPO;	
		CLUTINA	DERWENT;	
			IBM TDB	
-	21	((\$1dsl "digital subscriber").ab.) and	USPAT;	2004/03/11 17:05
		(agc "automatic gain control").ab.	US-PGPUB;	
			EPO; JPO;	
1	1		DERWENT;	
			IBM_TDB	
-	6	, , , , , , , , , , , , , , ,	USPAT	2004/03/11 17:08
		"6219378" "6272108" "6307889").PN.		0004/00/54 55 55
-	76		USPAT	2004/03/14 10:40
_	1	daa.ab. and \$1dsl.ab. "isolation barrier".ab.	USPAT USPAT	2004/03/14 10:41 2004/03/14 10:41
1_	115	"isolation barrier".ab. and \$1dsl	USPAT	2004/03/14 10:41
<i>١</i> ــــــــــــــــــــــــــــــــــــ	L - -	TOOTACTON DUTTIEL . ab. and Plast	20111	2003/03/13 11.1/

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-	145	("3750024"	"3904833"	•		USPAT	2004/03/14 10:43
		"4053720"	"4054941"	"4066843"			
		"4118603"	"4192978"	"4224478"			
		"4292595"	"4349821"	"4384274"			
		"4393516"	"4415777"	"4417099"	i		
		"4465903"	"4475208"	"4528664"	i		
		"4529845"	"4540854"	"4541104"			
		"4567331"	"4594577"	"4607170"			
		"4644526"	"4656661"	"4686697"			
		"4686699"	"4712233"	"4720811"	İ		
		"4741031"	"4757528"	"4835486"	1		
		"4843339"	"4864605"	"4901217"	İ		
		"4901275"	"4943807"	"4993063"			
		"4995111"	"4996529"	"5012950" i	1		ļ
		"5032819"	"5051799"	"5058129"	ļ		
		"5068659"	"5086454"	"5097503"			
		"5136630"	"5204896"				
		"5235634"	"5237511"				
		"5258721"	"5260941"		1		
		"5287107"	"5311588"		1		
		"5323451"	"5329281"	"5329585"	i i		
		"5333196"	"5337338"		i i		
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	ļ	"5375051"	"5377260"				
		"5390249"		"5410594"	l i		
		"5426698"	"5406283"	,,			
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ł	ı	"5442694" "5473552"	"5459721" "5500894"	"5467385"			
		,		"5500895"			
		"5506900"	"5506903"	"5509068"			
		"5511118"	"5521967"	"5533053"			
+		"5544241"	"5546448"	"5555100"			
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		"5659608" ["5675640"	"5692041"			
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		"5901210"	"5907596"	"5914671"			
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		"5959372"	"5974139"		1		
			"6005923"				
			"6081586"		1		1
-			"6128373"	"6205219"			
		"6385235").					
-	159			pacit\$4 with		USPAT	2004/03/14 11:19
ŀ		resistor wi	th parallel	same protec			
-	141			acit\$4 with 1		USPAT	2004/03/14 11:20
			el with prot				
-	20			acit\$4 with m	resistor	USPAT	2004/03/14 11:27
-			el with prot			!	
-	27			• •		USPAT	2004/03/14 11:27
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-	145	("3750024"	"3904833"	3981006"	. 1	USPAT	2004/03/15 14:33
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		"4529845"	"4540854"	"4541104"			1
		"4567331"	"4594577"	"4607170"			
		"4644526"	"4656661"	"4686697"			
-		"4686699"	"4712233"	"4720811"			
		"4741031"	"4757528"	"4835486"			
		"4843339"	"4864605"	"4901217"			
		"4901275"	"4943807"	"4993063"			
i		"4995111"	"4996529"	"5012950"			
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		"5136630"	"5204896"	"5224154"			
		"5235634"	"5237511"	"5245654"			
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		"5287107"	"5311588"	"5323398"	ļ		
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		"5442694"	"5459721"	"5467385"	i		
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		"5959372"	"5974139"	"5982317"	 		
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	_	"6385235").				,,,,,,,,,	2004/03/15 15 00
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